
**Information technology — Cases for
120 mm and 80 mm DVD-RAM disks**

*Technologies de l'information — Coffrets pour disques DVD-RAM de
120 mm et 80 mm*

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Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

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ISO/IEC 17594 was prepared by Ecma International (as ECMA-331) and was adopted, under a special “fast-track procedure”, by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, in parallel with its approval by national bodies of ISO and IEC.

Information technology — Cases for 120 mm and 80 mm DVD-RAM disks

Section 1 - General

1 Scope

This International Standard specifies the characteristics of a case for use with the 120 mm and 80 mm DVD-RAM disks specified in International Standard ISO/IEC 17592. The present International Standard specifies nine related, but different implementations of this case, viz.

- Type 1** A case for a one-sided (Type 1S) or a two-sided (Type 2S) 120 mm DVD-RAM disk such that the disk cannot be removed from the case. This case is reversible.
- Type 2** A case for a one-sided (Type 1S) 120 mm DVD-RAM disk such that the disk may be removed from the case. This case is not reversible.
- Type 3** A case into which a one-sided (Type 1S) or a two-sided (Type 2S) 120 mm DVD-RAM disk may be inserted, then used as a cartridge. This case is not reversible.
- Type 4** A case for a two-sided (Type 2S) 120 mm DVD-RAM disk such that the disk may be removed from the case. This case is reversible.
- Type 5** A case into which a one-sided (Type 1S) or a two-sided (Type 2S) 120 mm DVD-RAM disk may be inserted, then used as a cartridge. This case is reversible.
- Type 6** A case for a two-sided (Type 2S) 80 mm DVD-RAM disk such that the disk may be removed from the case. This case is reversible.
- Type 7** A case for a one-sided (Type 1S) 80 mm DVD-RAM disk such that the disk may be removed from the case. This case is not reversible.
- Type 8** A case into which a two-sided (Type 2S) 80 mm DVD-RAM disk may be inserted, then used as a cartridge. This case is reversible.
- Type 9** A case into which a one-sided (Type 1S) 80 mm DVD-RAM disk may be inserted, then used as a cartridge. This case is not reversible.

This International Standard specifies

- the environments in which the cases are to be operated and stored;
- the dimensional and mechanical characteristics of the case, so as to provide mechanical interchangeability between data processing systems;

This International Standard provides for mechanical interchange between optical disk drives. Together with International Standard ISO/IEC 17592 for 120 mm (4,7 Gbytes per side) and 80 mm (1,46 Gbytes per side) DVD-RAM disks and a standard for volume and file structure, it provides for full data interchange between data processing systems.

2 Conformance

A claim of conformance with this International Standard shall specify the Type implemented. A case shall be in conformance with this International Standard if it meets the mandatory requirements specified herein for its Type.

3 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/IEC 17592:2004, *Information technology — 120 mm (4,7 Gbytes per side) and 80 mm (1,46 Gbytes per side) DVD Rewritable Disk (DVD-RAM)*

ECMA-287:2002, *Safety of electronic equipment*